

16523 U.S. PTO  
021804

Express # ER 544453595 US  
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February 18, 2004 Date of Deposit  
Randall E. Deck Name of Depositor  
Signature  
2/18/04 Date of Signature

PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket 0068.03  
First Inventor James G. Archuleta, Jr.  
Title Subsoiling Excavator Bucket  
Express Mail Label ER 544453595 US

22141 U.S. PTO  
10/781487

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Mail Stop Patent Application  
ADDRESS TO: Commissioner for Patents  
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27. 2.
3. ☒ Specification [Total Pages 20]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. ☒ Oath or Declaration [Total Pages 1]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 17 completed)
  - i. ☐ **DELETION OF INVENTOR(S) /**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet &  
document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request & Certification Under 35 USC  
122(b)(2)(B)(i). Applicant must attach form  
PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_


Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

25712

|                   |   |                                   |         |
|-------------------|---|-----------------------------------|---------|
| Name (Print/Type) | Randall E. Deck   | Registration No. (Attorney/Agent) | 34,078  |
| Signature         |  | Date                              | 2/18/04 |

(Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

# FEE TRANSMITTAL FY2004

Total Amount of Payment **\$ 810.00**

## Complete If Known:

Application Number:

Filing Date:

First Named Inventor:

James G. Archuleta, Jr.

Examiner Name:

Art Unit:

Attorney Docket Number:

0068.03

### Method of Payment

1. The Commissioner is hereby authorized to charge any fees set forth in CFR §§ 1.116 to 1.118 to the Deposit Account listed below for the entire pendency of the application, or credit any overpayment to this account. A duplicate copy of this sheet is enclosed:

Deposit Account Number: **06-1555**

Deposit Account Name: **USDA Forest Service**

### Fee Calculation:

#### 1. Basic Filing Fee

| Large Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid  |
|----------------|-----------------|------------------------|-----------|
| 1001           | 770.00          | Utility Filing Fee     | 770.00    |
| 1002           | 340.00          | Design Filing Fee      |           |
| 1003           | 530.00          | Plant Filing Fee       |           |
| 1004           | 770.00          | Reissue Filing Fee     |           |
| 1005           | 160.00          | Provisional Filing Fee |           |
| SUBTOTAL (1)   |                 |                        | \$ 770.00 |

#### 2. Extra Claim Fees

| Total Claims | Independent | Multiple | Dependent | Extra Claims | Fee From Below | Fee Paid |
|--------------|-------------|----------|-----------|--------------|----------------|----------|
| 15           | -20** =     | -        | X         |              | 18.00          | -        |
| 3            | -3** =      | -        | X         |              | 86.00          | -        |
|              |             | -        | X         |              | -              | -        |

\*\* or number previously paid, if greater; For Reissues, see below

| Large Fee Code | Entity Fee (\$) | Fee Description   |
|----------------|-----------------|---|
| 1202           | 18.00           | Claims in excess of 20                                  |
| 1201           | 86.00           | Independent claims in excess of 3                       |
| 1203           | 290.00          | Multiple dependent claims, if not paid                  |
| 1204           | 86.00 **        | Reissue independent claims over original patent         |
| 1205           | 18.00 **        | Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$

### FEE CALCULATION (Continued)

#### 3. Additional Fees


| Large Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid |
|----------------|-----------------|--|----------|
| 1051           | 130.00          | Surcharge - late filing fee or oath  |          |
| 1052           | 50.00           | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053           | 130.00          | Non-English specification  |          |
| 1812           | 2,520.00        | For filing a request for examination                                       |          |
| 1804           | 920.00*         | Requesting publication of SIR prior to Examiner action                     |          |
| 1805           | 1,840.00*       | Requesting publication of SIR after Examiner action                        |          |
| 1251           | 110.00          | Extension for reply within first month                                     |          |
| 1252           | 420.00          | Extension for reply within second month                                    |          |
| 1253           | 950.00          | Extension for reply within third month                                     |          |
| 1254           | 1,480.00        | Extension for reply within fourth month                                    |          |
| 1255           | 2,010.00        | Extension for reply within fifth month                                     |          |
| 1401           | 330.00          | Notice of Appeal   |          |
| 1402           | 330.00          | Filing a brief in support of an appeal                                     |          |
| 1403           | 290.00          | Request an oral hearing  |          |
| 1451           | 1,510.00        | Petition to institute a public use proceeding                              |          |
| 1452           | 110.00          | Petition to revive - unavoidable   |          |
| 1453           | 1,330.00        | Petition to revive - unintentional   |          |
| 1501           | 1,330.00        | Utility issue fee (or reissue)   |          |
| 1502           | 480.00          | Design issue fee   |          |
| 1503           | 640.00          | Plant issue fee  |          |
| 1460           | 130.00          | Petitions to the Commissioner  |          |
| 1807           | 50.00           | Petitions related to provisional appl.                                     |          |
| 1806           | 180.00          | Submission of Info. Disclosure Stmt  |          |
| 8021           | 40.00           | Recording each patent assignment per property (times number of properties) | \$ 40.00 |
| 1809           | 770.00          | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810           | 770.00          | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801           | 770.00          | Request for Continued Examination (RCE)                                    |          |
| 1802           | 900.00          | Request for expedited examination Of a design application                  |          |

Other Fee (Specify) \_\_\_\_\_

\* Reduced by Basic Filing Paid

SUBTOTAL (3)

\$ 40.00

|                   |   |  |                                   |        |   |
|-------------------|---|--|-----------------------------------|--------|---|
| Submitted By      |   |  |                                   |        |   |
| Name (Print/Type) | RANDALL E. DECK   |  | Registration No. (Attorney/Agent) | 34,078 | Telephone 309/681-6515 309/681-6688 FAX |
| Signature         |  |  |                                   | Date   | 2/18/04                                 |

Fees current as of 01/01/2003

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2/18/04  
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